

REMARKS

Entry of this response is proper under 37 CFR §1.116 since no new claims or issues are presented and the only claim amendments incorporate subject matter indicated as allowable into independent claims 1 and 9, thereby placing all remaining claims into condition for immediate allowance.

Claims 1-3 and 6-12 are all of the claims currently pending. Claims 4, 5, and 13-23 are canceled without prejudice or disclaimer.

It is noted that Applicants specifically state that no amendment to any claim herein should be construed as a disclaimer of any interest in or right to an equivalent of any element or feature of the amended claim.

As best understood from the Advisory Action mailed on June 30, 2008, the previous rejection under 35 USC §101 as allegedly directed to non-statutory subject matter has been withdrawn for all remaining claims.

Claims 1-3, 6-12, and 14-18 stand rejected under 35 USC §102(a) as allegedly anticipated by Vinod Valsalam et al., “A Framework for High-Performance Matrix Multiplication Based on Hierarchical Abstractions, Algorithms and Optimized Low-Level Kernels”, hereinafter referred to as “Vinod”.

Claim 19 stands rejected under 35 USC §103(a) as allegedly unpatentable over Vinod, further in view of Philip Alpatov et al., “PLAPACK: Parallel Linear Algebra Package Design Overview”, hereinafter referred to as “Philip.”

The rejection for claim 21-23, based on 35 USC §103(a) as allegedly unpatentable over Vinod, further in view of US Patent 5,099,447 to Myszewski has been withdrawn, according to the Advisory Action mailed on June 30, 2008.

Cancellation of the currently-rejected claims, in combination with the incorporation of subject matter of allowable claims 21 and 23 into independent claims 1 and 9, renders these rejections moot.

FORMAL MATTERS AND CONCLUSION

In view of the foregoing, Applicant submits that claims 1-3 and 6-12, all the claims presently pending in the application, are patentably distinct over the prior art of record and

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are in condition for allowance. The Examiner is respectfully requested to pass the above application to issue at the earliest possible time.

Should the Examiner find the application to be other than in condition for allowance, the Examiner is requested to contact the undersigned at the local telephone number listed below to discuss any other changes deemed necessary in a telephonic or personal interview.

The Commissioner is hereby authorized to charge any deficiency in fees or to credit any overpayment in fees to Assignee's Deposit Account No. 50-0510.

Respectfully Submitted,



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Frederick E. Cooperrider
Registration No. 36,769

McGinn Intellectual Property Law Group, PLLC
8321 Old Courthouse Road, Suite 200
Vienna, VA 22182-3817
(703) 761-4100
Customer No. 21254